

QUIZ

Sustainable Design Using Epoxy for Wood Repair

Instructions: Complete the following quiz by checking the correct answers. Fill out the information requested at the end of the quiz and click the “**Submit**” button to send the quiz on-line. You can also download the quiz and send it to Abatron, Inc. at the address and e-mail address provided below.

1. Epoxy mixtures typically contain :
 - A. Solvent and filler
 - B. Pigment and solvent
 - C. Resin and hardener
 - D. Resin and pigment

2. Epoxy compounds address sustainable design because they:
 - A. Can strengthen existing wood
 - B. Lengthen the life-span of wood structures
 - C. Can save structures from landfills
 - D. All of the above

3. Which statement is not true:
 - A. In general, restoring wooden windows is more cost-effective than replacement.
 - B. Polyester wood fillers shrink after hardening.
 - C. Wood species have the same compressive strength.
 - D. Wood is porous and made up of long hollow, straw-like cells.

4. Which of the following does not contribute to wood decay:
 - A. Ultraviolet light
 - B. Insects
 - C. Bleach
 - D. Fungi feeding on moist wood

5. Which is not true about epoxy wood consolidants:
 - A. Require ventilation
 - B. Can be brushed or poured onto wood
 - C. Penetrate best through the end-grain
 - D. Strengthen deteriorated wood

6. Which statement is not true about most epoxy wood repair compounds:
 - A. Fill voids and replace missing wood
 - B. Virtually shrink-free
 - C. Require a high degree of expertise to use
 - D. Can be sanded and worked like wood after hardening

7. Which statement is not true about wood rot:
 - A. Can be treated with borate preservatives
 - B. Primarily exists in in North America as white rot and brown rot
 - C. Is reversible
 - D. Affects the tensile strength of wood

8. Epoxy compounds do not have this characteristic:
 - A. Soluble in water
 - B. Strong adhesion
 - C. Paintable
 - D. Continues to cure after hardening

9. An epoxy consolidant should be applied when:
 - A. Wood has a moisture content below 20%
 - B. Wood has a moisture content above 20%
 - C. Wood is wet
 - D. None of the above

10. When specifying epoxies for wood restoration it is desirable to:
 - A. Require a mock-up
 - B. Detail the extent of the work
 - C. Detail performance expectations
 - D. All of the above

This quiz was completed by:

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Thank you for participating!